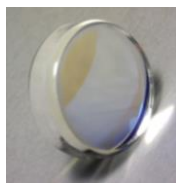


Lens								
Specifications	Model Number	Anteryon AC405	Anteryon AC256	AC138	AC100	CAY046	CAY049	CAY087
								
Lens Material		Hybrid aspherical polymer on glass lens	Hybrid aspherical polymer on glass lens	BK7	NHG,D-ZK2N	Acrylic	PMMA	PMMA
Lens Diameter		Ø8.0 mm	Ø5.5 mm	Ø6.0 mm	Ø6.35 mm	Ø7.4 mm	Ø5 mm	Ø7 mm
Center Diameter		2.5 mm	3.7 mm	1.5 mm	3.0 ±0.02mm			
Edge Thickness		1.87 mm	2.41 mm	0.89 mm	2.16 mm	3.05 mm	2.3 mm	3.3±0.10 mm
Design Wavelength		650 nm	650 nm	532 nm	520 nm		650 nm	670nm
Clear Aperture (CA)		Ø6.0 mm	Ø4.4 mm	Ø5.0mm	Ø5.5 mm	Ø3.7 mm	Ø3 mm	Ø4.7 mm
Numerical Aperture (NA)		0.13	0.51	0.17	0.275	0.40	0.27	0.268
Effective Focal Length (EFL)		23 mm (with BK7 t=0.25mm cover glass)	4.34 mm (with BK7 t=0.25mm cover glass)	14.85mm	10.0mm	4.60 mm (with BK7 t=0.25mm cover glass)	4.96 mm	8.742 mm
Back Focal Length (BFL)		21.45 mm	2.33 mm	13.8 mm	8.2 mm (with BK7 t=0.25mm cover glass)	3.08 mm	4.81 mm	7.2 mm
Axis Wave Front Error (RMS)		0.03 λ	0.05 λ		0.05 λ,@632.8mm	0.040 λ		0.05 λ
Field Radius		0.5 mm	0.09 mm			0.1 mm		0.1 mm
Transmittance (%)		≥97%	≥97%	≥97%	500-850nm, T≥97%	400~900nm, >95%	90%	>91%
Storage Temperature		-40 to 85°C	-40 to 85°C	-40 to 85°C	-40 to 85°C	-25 to 70°C	-25 to 70°C	-25 to 70°C
Operating Temperature			-30 to 85°C	-30 to 85°C	-30 to 85°C	5 to 65°C	-5 to 65°C	5 to 50°C